

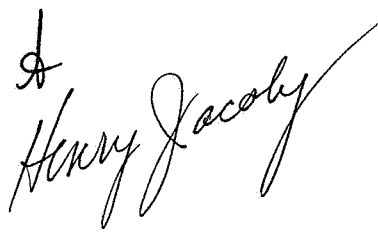
DP Barcode: N/A
Shaughnessy No.: 129017
Date Out of EFGWB:

AUG 25 1991

TO: John Lee
Product Manager # 31
Registration Division (H7505G)

FROM: Akiva Abramovitch
Chief, Review Section #3
OPP/EFED/EFGWB (H7507C)

THROUGH: Henry Jacoby, Chief
OPP/EFED/EFGWB (H7507C)



Attached, please find the EFGWB review of:

Reg./File #(s) : 7078-RT

Common Name : Ortho-diphthalaldehyde (new chemical)

Chemical Name : Ortho-diphthalaldehyde # 129017
(Phthalic dicarboxaldehyde)

Product Type : Anti-microbial

Product Name : Cidex OPA Anti-microbial

Company Name : Surgikos

Purpose : Review memorandum of understanding and itemize
outstanding data requirements.

Date Received: 9/28/90 EFGWB #(s): 90-0210

Date Completed: 6/24/91

Total Reviewing Time:

Deferrals to:

- _____ Ecological Effects Branch/EFED
- _____ Science Integration & Policy Staff/EFED
- _____ Non-Dietary Exposure Branch/HED
- _____ Dietary Exposure Branch/HED
- _____ Toxicology Branch I, II/HED

1. CHEMICAL:

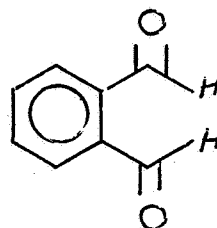
Chemical Name: ortho-diphthalaldehyde

CAS No.: 643-79-8

Common Name: ortho-diphthalaldehyde

Trade Name: Cidex Opa Antimicrobial

Chemical Structure:



Molecular Formula: $C_{18}H_{12}O_4$

Physical/Chemical Properties of Active Ingredient:

Molecular Weight: 134.4

Physical state: Crystal

Color: Yellow

Vapor pressure: Not available

Water solubility: 5 % (w/w)

Octanol/water partition coefficient: Not Available

Formulations: Solution

2. TEST MATERIAL: N/A

3. STUDY/ACTION TYPE:

Review memorandum of understanding and itemize remaining data requirements for ortho-diphthalaldehyde.

4. STUDY IDENTIFICATION: N/A

5. REVIEWED BY:

James A. Breithaupt
Agronomist, Review Section #3
OPP/EFED/EFGBW

Signature: James A. Breithaupt
Date: 8/21/91

6. APPROVED BY:

Akiva Abramovitch, Ph.D., Chemist
Chief, Review Section #3
OPP/EFED/EFGBW

Signature: Akiva Abramovitch
Date: AUG 21 1991

[Handwritten mark]

MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

7. CONCLUSIONS:

Ortho-diphthalaldehyde is a new anti-microbial pesticide for indoor use only. Surgikos Inc. provided a memorandum of understanding of a meeting held on July 13, 1989 between representatives of Surgikos and OPP. The meeting was held to discuss ortho-diphthalaldehyde and the data requirements pertaining to it. EFGWB does not impose environmental fate data requirements for indoor uses at this time. Outdoor uses will likely trigger additional data requirements.

8. RECOMMENDATIONS:

Inform the registrant that EFGWB does not impose environmental fate data requirements for indoor uses at this time. Outdoor uses will likely trigger additional data requirements.

9. BACKGROUND:



10. DISCUSSION OF INDIVIDUAL STUDIES: N/A

11. COMPLETION OF ONE-LINER: N/A

12. CBI INDEX:

The information reviewed in the cover letter and the meeting itself is considered to be CBI and should be treated as such.